



Trends in Pediatric Nursing

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Abstract

Pediatric nursing is growing with many trends in terms of education, practice research. Pediatric nurses need to be updated with the current trends in order to translate the knowledge into practice. Some of the trends in pediatric nursing are discussed in the article.

Keywords: Pediatric Nursing; Electronic Health Records

Introduction

Trends are inevitable in every field and particularly in nursing, many trends have taken place in pediatric nursing and they are helpful in improving the child care. Innovations and evidence-based nursing care is growing and in this article some of the trends are discussed.

The various trends are as follows

- **Technology Integration:** The integration of technology in pediatric nursing continues to advance, with the use of electronic health records (EHRs), telehealth, and mobile health applications. These technologies enhance communication, streamline documentation, and improve patient care.
- **Specialized Pediatric Nursing Certification:** Pediatric nurses are increasingly obtaining specialized certifications to enhance their knowledge and skills in specific areas such as pediatric critical care, pediatric oncology, and pediatric emergency nursing.
- **Family-Centered Care:** There is a growing emphasis on family-centered care in pediatric nursing. This approach involves collaboration between healthcare providers and families to make decisions that impact the child's health and well-being.

- **Cultural Competence in Pediatric Nursing:** Pediatric nurses are recognizing the importance of cultural competence to provide care that respects and addresses the diverse needs of children and their families.
- **Research and Evidence-Based Practice:** Pediatric nursing is increasingly focused on evidence-based practice, with nurses engaging in research to improve outcomes for pediatric patients. This involves applying the best available evidence to inform clinical decision-making.

Telemedicine in pediatrics

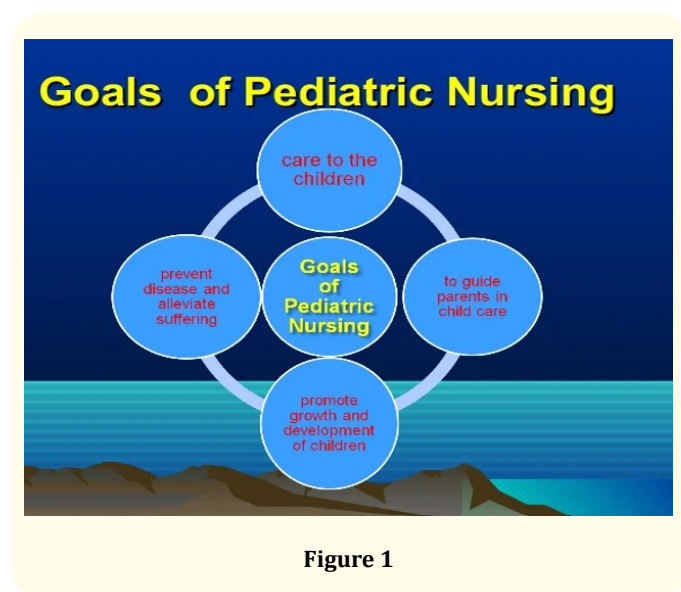
Telemedicine allows healthcare providers to remotely assess and treat pediatric patients, improving access to care, especially in rural or underserved areas [1].

Pediatric robotics surgery

Robotic surgery is increasingly used in pediatric cases, offering enhanced precision and smaller incisions for certain procedures [2].

Smart pediatric monitoring devices

Wearable devices and smart sensors enable continuous monitoring of pediatric patients, providing real-time data on vital signs and health parameters [3].



Genomic medicine in pediatrics

Genomic medicine is increasingly applied in pediatrics for precision diagnosis, treatment, and understanding genetic factors influencing childhood diseases [4].

Pediatric virtual reality for pain management

Virtual reality is employed as a distraction tool to manage procedural pain and anxiety in pediatric patients [5].

Pediatric electronic health records (EHRs)

Electronic health records tailored for pediatric care facilitate comprehensive and coordinated healthcare delivery [6].

Pediatric artificial intelligence (AI) applications

AI is utilized for diagnostic support, personalized treatment plans, and predictive analytics in pediatric medicine. It's important to check the latest literature and healthcare publications for the most recent advancements and references in high technology care in pediatrics, as the field is dynamic and continuously evolving [7].

Conclusion

Nurses in pediatric set up need to be updated with the trends in order to provide quality nursing care and ensure safe patient care. Its essential that trends are communicated across the cultures so that they can be adopted for safe patient care.

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